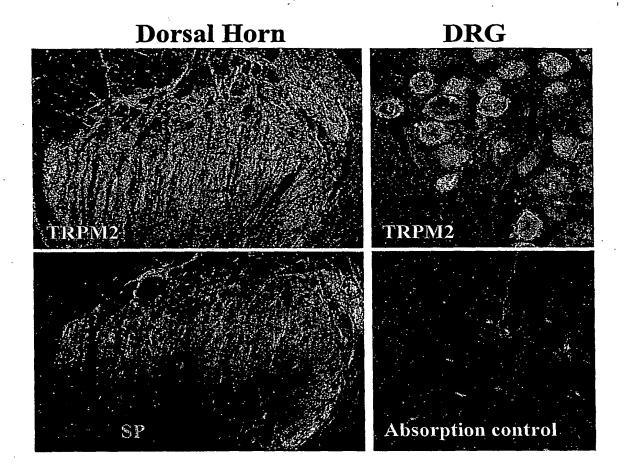
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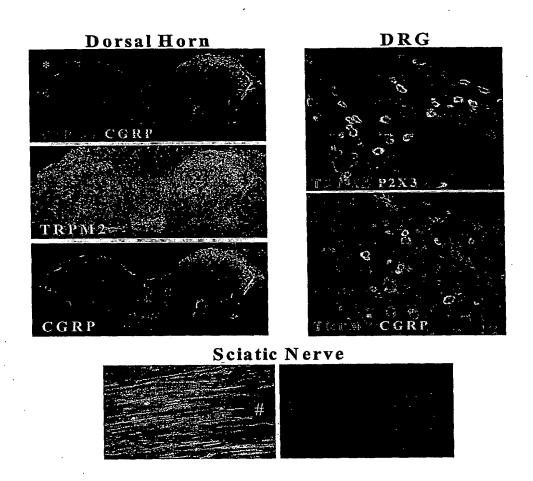
Figure 1



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Figure 2



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Figure 3

Ipsilateral to SNL Contralateral to SNL

Ventral Horn

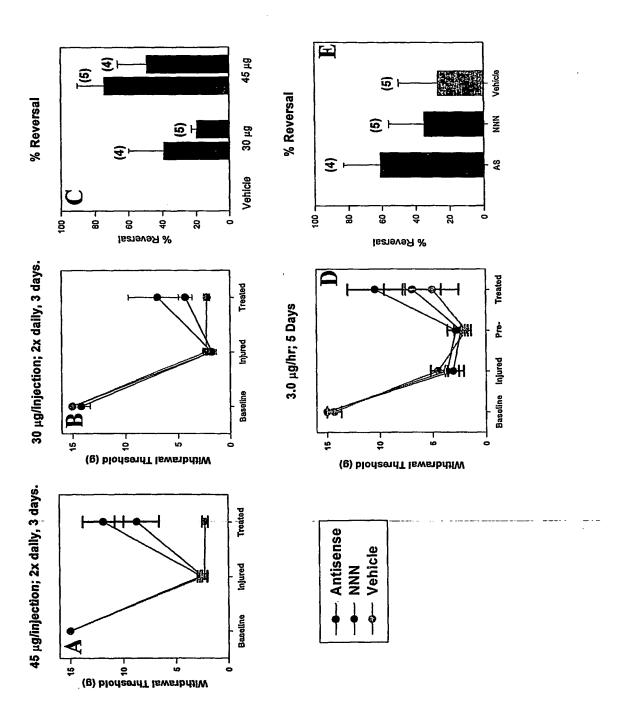


Ipsilateral to SNL

Contralateral to SNL

Figure 4

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Figure 5. Human TRPM2 (GenBank Accession No. XM_009803)

TGTGCAGAATTGTACAGTTGCGAAACCATGTCGCTGGCAGCTGGTGGTGGAGACTTCCC TGAGGTTGTTACCATTATGAACGGCCGCTGGGACCCCCGCATGTGCATGTACTCCCCCAGAGTGT CCGGGGGCCCCAGCCAAGGGACACAGCTCAGGCAGCTGGGAACATGTGCAGGCTGATGAAGAGAA CCGGATGAGGGCTTCACATGAGGAAGCATGTGGCCAGGTCCTCTCAGAACATCAGCCTCATCTTC CTGTCTCTGATCTATTTCAGCAACCACCCCATGTGTCTCTAGAACCCCAGTGTAGCGAGCTGGAG AGAGGACTGTCCTGAGGGCAGCAGGCCTGGTTGCAGCTGGCGTGGGGGTCTCAGAATGGAGCCCT CAGCCCTGAGGAAAGCTGGCTCGGAGCAGGAGGAGGGCTTTGAGGGGCTGCCCAGAAGGGTCACT GACCTGGGGATGGTCTCCAATCTCCGGCGCAGCAACAGCAGCCTCTTCAAGAGCTGGAGGCTACA GTGCCCCTTCGGCAACAATGACAAGCAAGAAAGCCTCAGTTCGTGGATTCCTGAAAACATCAAGA AGAAAGAATGCGTGTATTTTGTGGAAAGTTCCAAACTGTCTGATGCTGGGAAGGTGGTGTCAG TGTGGCTACACGCATGAGCACCTTGGAGGAGGCTACCAAGCCCCACACCTTCCAGGGCACACA GTGGGACCCAAAGAAACATGTCCAGGAGATGCCAACCGATGCCTTTGGCGACATCGTCTTCACGG GCCTGAGCCAGAAGGTGAAAAAGTACGTCCGAGTCTCCCAGGACACGCCCTCCAGCGTGATCTAC CACCTCATGACCCAGCACTGGGGGGCTGGACGTCCCCAATCTCTTGATCTCGGTGACCGGGGGGGC CAAGAACTTCAACATGAAGCCGCGGCTGAAGAGCATTTTCCGCAGAGGCCTGGTCAAGGTGGCTC AGACCACAGGGGCCTGGATCATCACAGGGGGGTCCCACACCGGCGTCATGAAGCAGGTAGGCGAG ACATACTGGATGAGGATGGCCAAGGGAACCTGACCTGCCTAGACAGCAACCACTCTCACTTCATC CTCGTGGACGACGGCCACGCCAGTACGGGGTGGAGATTCCTCTGAGGACCAGGCTGGAGAA GTTCATATCGGAGCAGACCAAGGAAAGAGGGGGTGTGGCCATCAAGATCCCCATCGTGTGCGTGG TGCTGGAGGCCCCGGGCACGTTGCACACCATCGACAACGCCACCACCACCGCCCCCTGT GGACATCACTATCTCCCTGATCCAGCAGAAACTGAGCGTGTTCTTCCAGGAGATGTTTGAGACCT TCACGGAAAGCAGGATTGTCGAGTGGACCAAAAAGATCCAAGATATCGTCCGGAGGCGGCAGCTG $\tt CTGACTGTCTTCCGGGAAGGCAAGGATGGTCAGCAGGACGTGGATGTGGCCATCTTGCAGGCCTT$ GCTGAAAGCCTCACGGAGCCAAGACCACTTTGGCCACGAGAACTGGGACCACCAGCTGAAACTGG CAGTGGCATGGAATCGCGTGGACATTGCCCGCAGTGAGATCTTCATGGATGAGTGGCAGTGGAAG CCTTCAGATCTGCACCCCACGATGACAGCTGCACTCATCTCCAACAAGCCTGAGTTTGTGAAGCT CTTCCTGGAGAACGGGGTGCAGCTGAAGGAGTTTGTCACCTGGGACACCTTGCTCTACCTGTACG AGAACCTGGACCCCTCCTGCCTGTTCCACAGCAAGCTGCAGAAGGTGCTGGTGGAGGATCCCGAG CGCCCGGCTTGCGCGCCCCGCCTGCAGATGCACCACGTGGCCCAGGTGCTGCGGGA GCTGCTGGGGGACTTCACGCAGCCGCTTTATCCCCGGCCCCGGCACAACGACCGGCTGCGGCTCC TGCTGCCCGTTCCCCACGTCAAGCTCAACGTGCAGGGAGTGAGCCTCCGGTCCCTCTACAAGCGT TCCTCAGGCCATGTGACCTTCACCATGGACCCCATCCGTGACCTTCTCATTTGGGCCATTGTCCA GAACCGTCGGGAGCTGGCAGGAATCATCTGGGCTCAGAGCCAGGACTGCATCGCAGCGGCCTTGG CCTGCAGCAAGATCCTGAAGGAACTGTCCAAGGAGGAGGAGGACACGGACAGCTCGGAGGAGATG CTGGCGCTGGCGAGGAGTATGAGCACAGAGCCATCGGGGTCTTCACCGAGTGCTACCGGAAGGA AGCTCGCCCTGGAGGCCAAGGACATGAAGTTTGTGTCTCACGGGGGCATCCAGGCCTTCCTGACC AAGGTGTGGGGCCAGCTCTCCGTGGACAATGGGCTGTGGCGTGTGACCCTGTGCATGCTGGC CTTCCCGCTGCTCACCGGCCTCATCTCCTTCAGGGAGAAGAGGCTGCAGGATGTGGGCACCC CCGCGGCCCGCGCCCTTCTTCACCGCACCCGTGGTGGTCTTCCACCTGAACATCCTCTCC TACTTCGCCTTCCTGCCTGTTCGCCTACGTGCTCATGGTGGACTTCCAGCCTGTGCCCTCCTG GTGCGAGTGTGCCATCTACCTCTGGCTCTTCTCTTGGTGTGCGAGGAGATGCGGCAGCTCTTCT ATGACCCTGACGAGTGCGGGCTGATGAAGAAGGCAGCCTTGTACTTCAGTGACTTCTGGAATAAG

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Figure 6. Rat TRPM2

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